

# **METHOD AND SYSTEM FOR CORRECTING IMAGES AND MEASUREMENTS ACQUIRED BY MRI**

## **Abstract of Disclosure**

A method and system for correcting examination images acquired by a magnetic resonance imaging (MRI) device are provided. The method comprises the steps of imaging a phantom of known structure at selected intervals to generate phantom images, analyzing the phantom images relative to images of the phantom acquired at a previous time, calculating variations between respective phantom images, and correcting the examination images and/or measurements based off the examination images using the calculated variations between phantom images. The system comprises an imaging device for acquiring images of a subject and the phantom and an image processor adapted to correct the examination images based on the calculated variations between respective phantom images.

## Figures